



Memo

To: State of Nevada Operator Certification Advisory Board
From: Annette Guthrie
CC: Geoff DaForno
Date: October 3, 2006
Re: September 2006 Treatment Operator Certification Exam Analysis

The following results are divided into three different regional areas, the North, the Central and the South. These results are in addition to the Distribution Operator results sent in a separate Memo. The exam results were reviewed and an analysis was completed based on the March 17th and 22nd 2006 exam scores. This analysis was based on the results from the September testing that took place for Water Treatment Operators of Nevada. For each testing cycle the intention of each analysis is to provide the instructors with feedback on areas of deficiencies identified for the state.

Grade 1-Treatment

The North area had the following five topics as the most missed on the Grade 1 Water Treatment Operator Exam:

- There were no examinees for this area for the September 2006 testing cycle.

The Central area had the following five topics as the most missed on the Grade 1 Water Treatment Operator Exam:

- Sources of Supply
- Treatment Types and Processes
- Water Treatment Plant Operation
- Water Quality

- Water Treatment Mathematics

The South had the following five topics as the most missed on the Grade 1 Water Treatment Operator Exam:

- Filtration
- Treatment Types and Processes
- Water Quality
- Sources of Supply
- Pumps and Motors

Grade II- Treatment

The North had the following five topics as the most missed on the Grade II Water Treatment Operator Exam:

- There were no examinees for this area for the September 2006 testing cycle.

The Central area had the following five topics as the most missed on the Grade II Water Treatment Operator Exam:

- Water Quality
- Filtration
- Sources of Supply
- Disinfection
- Water Treatment Mathematics

The South had the following five topics most missed on the Grade II Water Treatment Operator Exam:

- Filtration
- Water Quality
- Water Treatment Plant Operation
- Treatment Types and Processes
- Disinfection

Grade III – Treatment

The North had the following five topics as the most missed on the Grade III Water Treatment Operator Exam:

- There were no examinees for this area for the September 13th, 2006 testing cycle.

The Central area had the following five topics as the most missed on the Grade III Water Treatment Operator Exam:

- There was no topic that was missed more than others. Statistically, they were all the same.

The South had the following five topics as the most missed on the Grade III Water Treatment Operator Exam:

- There were no examinees for this area for the September 13th, 2006 testing cycle.

Grade IV- Treatment

The North had the following five topics as the most missed on the Grade IV Water Treatment Operator Exam:

- There were no examinees for this area at the September 13th, 2006 testing cycle.

The Central area had the following five most missed topics on the Grade IV Water Distribution Exam:

- Treatment Types and Processes
- Water Treatment Mathematics
- Water Quality
- Filtration
- Disinfection

The South had the following five topics as the most missed on the Grade IV Water Treatment Operator Exam:

- Filtration
- Water Quality
- Treatment Types and Processes
- Utility Management
- Safety

This analysis is done to identify deficiencies by region for educational information only. We hope this will assist in providing the necessary information to education providers.